#9 OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: **US/09/776,724A**

DATE: 08/01/2001
TIME: 15:49:53

Input Set : **A:\substseq 07252001.txt**
Output Set: **N:\CRF3\08012001\I776724A.raw**

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 2 <110> APPLICANT: Rosen et al.
 4 <120> TITLE OF INVENTION: 64 Human Secreted Proteins
 6 <130> FILE REFERENCE: PZ011
 8 <140> CURRENT APPLICATION NUMBER: 09/776,724A
 9 <141> CURRENT FILING DATE: 2001-02-06
11 <150> PRIOR APPLICATION NUMBER: 60/180,909
12 <151> PRIOR FILING DATE: 2000-02-08
14 <150> PRIOR APPLICATION NUMBER: 09/669,688
15 <151> PRIOR FILING DATE: 2000-09-26
17 <150> PRIOR APPLICATION NUMBER: 09/229,982
18 <151> PRIOR FILING DATE: 1999-01-14
20 <150> PRIOR APPLICATION NUMBER: PCT/US98/14613
21 <151> PRIOR FILING DATE: 1998-07-15
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 75 <151> PRIOR FILING DATE: 1997-08-18
 77 <150> PRIOR APPLICATION NUMBER: 60/055,946
 78 <151> PRIOR FILING DATE: 1997-08-18
 80 <150> PRIOR APPLICATION NUMBER: 60/055,683
 81 <151> PRIOR FILING DATE: 1997-08-18
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 90 <212> TYPE: DNA
 91 <213> ORGANISM: Homo sapiens
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 95 aattcgaggg tgcaccgtca gtcttcctct tcccccccaaa acccaaggac accctcatga       120
 96 tctcccggac tcctgaggtc acatgcgtgg tggtggacgt aagccacgaa gaccctgagg       180
 97 tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg       240
 98 aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact       300
 99 ggctgaatgg caaggagtac aagtgcaagg tctccaacaa agccctccca acccccatcg       360
100 agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc       420
101 catcccggga tgagctgacc aagaaccagg tcagcctgac ctgcctggtc aaaggcttct       480
102 atccaagcga catcgccgtg gagtgggaga gcaatgggca gccggagaac aactacaaga       540
103 ccacgcctcc cgtgctggac tccgacggct ccttcttcct ctacagcaag ctcaccgtgg       600
104 acaagagcag gtggcagcag gggaacgtct tctcatgctc cgtgatgcat gaggctctgc       660
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106 gactctagag gat                                                         733
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111 <212> TYPE: PRT
112 <213> ORGANISM: Homo sapiens
114 <220> FEATURE:
115 <221> NAME/KEY: Site
116 <222> LOCATION: (3)
117 <223> OTHER INFORMATION: Xaa equals any of the twenty naturally ocurring L-amino
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120 Trp Ser Xaa Trp Ser
121    1                   5
123 <210> SEQ ID NO: 3
124 <211> LENGTH: 86
125 <212> TYPE: DNA
126 <213> ORGANISM: Homo sapiens
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130 cccgaaatat ctgccatctc aattag                                            86
133 <210> SEQ ID NO: 4
134 <211> LENGTH: 27
135 <212> TYPE: DNA
136 <213> ORGANISM: Homo sapiens
138 <400> SEQUENCE: 4
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139 gcggcaagct ttttgcaaag cctaggc
142 <210> SEQ ID NO: 5
143 <211> LENGTH: 271
144 <212> TYPE: DNA
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149 aaatatctgc catctcaatt agtcagcaac catagtcccg cccctaactc cgcccatccc   120
150 gcccctaact ccgcccagtt ccgcccattc tccgccccat ggctgactaa ttttttttat   180
151 ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagtagt gaggaggctt   240
152 ttttggaggc ctaggctttt gcaaaaagct t                                  271
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156 <211> LENGTH: 32
157 <212> TYPE: DNA
158 <213> ORGANISM: Homo sapiens
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164 <210> SEQ ID NO: 7
165 <211> LENGTH: 31
166 <212> TYPE: DNA
167 <213> ORGANISM: Homo sapiens
169 <400> SEQUENCE: 7                                                    31
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173 <210> SEQ ID NO: 8
174 <211> LENGTH: 12
175 <212> TYPE: DNA
176 <213> ORGANISM: Homo sapiens
178 <400> SEQUENCE: 8                                                    12
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182 <210> SEQ ID NO: 9
183 <211> LENGTH: 73
184 <212> TYPE: DNA
185 <213> ORGANISM: Homo sapiens
187 <400> SEQUENCE: 9                                                    60
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189 ccatctcaat tag                                                      73
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193 <211> LENGTH: 256
194 <212> TYPE: DNA
195 <213> ORGANISM: Homo sapiens
197 <400> SEQUENCE: 10                                                   60
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199 caattagtca gcaaccatag tcccgcccct aactccgccc atcccgcccc taactccgcc   120
200 cagttccgcc cattctccgc cccatggctg actaattttt tttatttatg cagaggccga   180
201 ggccgcctcg gcctctgagc tattccagaa gtagtgagga ggcttttttg gaggcctagg   240
202 cttttgcaaa aagctt                                                   256
205 <210> SEQ ID NO: 11
206 <211> LENGTH: 558
207 <212> TYPE: DNA
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210 <220> FEATURE:
211 <221> NAME/KEY: SITE
212 <222> LOCATION: (546)
213 <223> OTHER INFORMATION: n equals a,t,g, or c
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218 gcttttctac ttgccgcgct ctcactgctc ggtgtactgg gagggtaccc tgggaggcgt    180
219 gcctttattc ttccgaaccg ccgctcactg agacagtggc tagaagtgtc tcttggacct    240
220 gtgagttagc cttaacctgt tatgccccca gagccctcag tggagcgccc gtactttgcc    300
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222 aaagttgccc gtcagttggt ggccacttga cttcgtgcgg accctggcct tgctcttgga    420
223 agagatagtg ttcttagggc tggtttcact gtctcttaag actgaarggt ggarctggga    480
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235 aaaaatattt actgagtgtg gactctagac cagggcctgt gctaggatac aaagatgaat    120
236 gaggcaccac ccttatcttc gagtagtata tgttttattt tattttattt ttttcccctg    180
237 ctgcctccct tgagtagtac atgttttagt aaggggaaca gacactaaag agtcctggta    240
238 atgatgagca aagtactgca tgagtaagta tctgggggggc aagtgtcccc actaggactc    300
239 ctgtcagatc tggaaaaggc ctgaggaatc tgatacatga cttaatgcag cgtatacttg    360
240 cagcctggaa aactaagtaa tgacaaaata gacattcttg tcagtgtgag ccattctctg    420
241 agtccmaggg gagtacataa ttcaaaccag aattggtcat tttggagttt gcactcttag    480
242 cagtatacag tggagtgaaa tttaagaatc aatttaattt cttttcagtt tttatgtaca    540
243 taaaacctgc ttactacaag agacccagtt tattattttg tgttggttaa cattcataag    600
244 tatatttcat cataataagg ctccgtgaaa ttagtcattt tatcatttgc caataaagac    660
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249 <211> LENGTH: 838
250 <212> TYPE: DNA
251 <213> ORGANISM: Homo sapiens
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255 tgtcctggtt ttgcttatag aatcaaatat gttctcattc tacctactgt tttcattcta    120
256 catagtgttt tccttcttta tagttttacg tcctcttcct aggaatgagt ctattaagaa    180
257 aataggtgtt atcttttagc tttggcattt gactttcagg ataatagagc tatctgctac    240
258 tgacagaaaa gctttgacaa gtgtttaata ctctgggatt accttcatct tacttttgca    300
259 atcattatgt gaacattgtc ttccgtccac atctayaggc tagtawgtaa caccgttgac    360
260 taaatccaaa ctttaggcta gggaaaaagg gtatactttc tgggtttcgg ttgtagatta    420
261 tgtttagatc taaycaaaac aggacagtgg tccaaacaga aaattgctat tttctgtatc    480
262 ttgtaaatct aggatttgag ttttttaagat gaatttatgg ttccctttct gatatcattt    540
263 ctcatctgca gctcctaatg cctggtacct tgggtatgga gtgaggagag acaatggaca    600
264 gttttatata agaaatggaa gtaatgatac tatctttcct ggaatatttg caggccccag    660
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265 aggagatgat gagcaaggac tgttggcctg tattacacac aacagggttg tagttactat      720
266 cccagcaagg aaagggtgta tctttcttct ttcatgcaaa ttatctatga tgacctaaca      780
267 gtttgattat agtgagtgga ctaaccacaa caataaaaaa aaaaaaaaaa aactcgaa        838
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271 <211> LENGTH: 513
272 <212> TYPE: DNA
273 <213> ORGANISM: Homo sapiens
275 <400> SEQUENCE: 14
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277 atccagtgcc tttccttttt gcctttgtat tcatcatttt ggcaaattac tggaagatga      120
278 cggttctggc caaaaggctg gttttgtttt tgggtcacat tttcttgctt ctctgcgtta      180
279 gaatcttgga ttagatgatg gacatggtga agatctcagc aacctcattc actagaagat      240
280 catgtggatt ggaatcatac aatggggaac aaatggaaaa gagtactttt gaaatagtgc      300
281 tggagaccac tgtgaccaca gaatgtcaag acacgtgctg ccattactgt tactatttgg      360
282 aaaatacatt cttgtaaatg caaccttagg gggtttgagg gggaagtctg ttgggaaatg      420
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284 aaaaaaaaaa aaaaaaaaaa aaaaaaact cga                                   513
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289 <212> TYPE: DNA
290 <213> ORGANISM: Homo sapiens
292 <220> FEATURE:
293 <221> NAME/KEY: SITE
294 <222> LOCATION: (565)
295 <223> OTHER INFORMATION: n equals a,t,g, or c
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300 ggcccgatcc gcactggcgc tgctgctgct gctgccagtc ctgctcctgc cggtgcagag      180
301 ycgctcagag cccgagacca ccgcgcccac ccctacccca atcccgggtg gcaactcgtc      240
302 aktgagcagg cccctgccca gcatcgagct ccacgcctgc ggcccatacc ccaaaccagg      300
303 cctgctcatc ctgctggccc cgctggccct gtggccccatt ctcctgtagg gacgcccagc    360
304 cagccacctc taagtcgccg ctgggactgg cctgccccat tgagcaacag agacgcttga      420
305 cagccgcccg cctccattcc ttgacttcac ccagaaatgg gtccagaaaa ctgaatccca      480
306 ccagcactgg tttggagcaa ccggacaccg aggtttcacc tccaggrtt ccatggaaga      540
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320 taamatacaa aacttccccc agtcactggc cgccaggctg agttggggga tgtgttacat      180
321 ccctgggtcc actggggggc agtgttggcc atggtgttgg tgctggctct gccgagaggc      240
322 gttggagtgg ctgtgtgggg cggtgagcgc cggcccagcc tgatggaacc cactgtacca      300
323 ggcccaggcc tcagcctctg agaaggactt ccctgtgtca ctcactcata catgtcctca      360
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Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

VERIFICATION SUMMARY
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Input Set : **A:\substseq 07252001.txt**
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L:307  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:399  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:420  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:489  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:545  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:566  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:660  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:662  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
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L:809  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:850  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:851  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:877  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
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L:948  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:981  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
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L:1233 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
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L:1449 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
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L:1516 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
L:1517 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
L:1541 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:1645 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60
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L:1984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73
L:2139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78
L:2141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78
L:2142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78
L:2173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79
L:2251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81
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